

METHOD AND RELATED APPARATUS FOR DETERMINING VOCAL CHANNEL BY OC-CURRENCES FREQUENCY OF ZEROS-CROSSING

Abstract

A method and related apparatus for determining whether a voice signal is mixed with a vocal signal. When applying to a multi-channel system, the method includes: counting number of zero-crossings of a sound signal of each channel within a given period; if the zero-crossing number of the sound signal of a first channel are lower than those of the sound signal of a second channel by a predetermined threshold, determining that the sound signal of the first channel is mixed with a vocal signal.